

Title (en)  
SURFACE FUNCTIONALISED NANOPARTICLES

Title (de)  
OBERFLÄCHENFUNKTIONALISIERTE NANOPARTIKEL

Title (fr)  
NANOPARTICULES À SURFACE FONCTIONNALISÉE

Publication  
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Application  
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Abstract (en)  
[origin: US2010113813A1] Embodiments of the invention relate to a process for the production of surface functionalised nanoparticles, such as semiconductor quantum dot nanoparticles incorporating surface-bound functional groups suitable for enabling the dots to be incorporated into silicone polymers.

IPC 8 full level  
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**B82Y 30/00** (2013.01 - EP US); **C09C 1/04** (2013.01 - EP US); **C09C 1/10** (2013.01 - EP US); **C09C 1/14** (2013.01 - EP US); **C09C 1/40** (2013.01 - EP US); **C09C 3/08** (2013.01 - EP US); **C01P 2004/64** (2013.01 - EP US)

Citation (examination)  
VAN BLAADEREN A ET AL: "Synthesis and Characterisation of monodisperse colloidal organo-silica spheres", JOURNAL OF COLLOID AND INTERFACE SCIENCE, ACADEMIC PRESS, NEW YORK, NY, US, vol. 156, no. 1, 1 March 1993 (1993-03-01), pages 1 - 18, XP002556766, ISSN: 0021-9797, [retrieved on 20020426], DOI: 10.1006/JCIS.1993.1073

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